

#8/B
Hawkins
Patent 8/7/02



Attorney's Docket No. 004501-501

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Life Patent Application of)
Klaus BOHNERT et al.) Group Art Unit: 2829
Application No.: 09/754,116) Examiner: Vinh P. Nguyen
Filed: January 5, 2001) Confirmation No.: 3279
For: TEMPERATURE-COMPENSATED)
FIBER OPTIC CURRENT SENSOR)
(AS AMENDED))

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AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Official Action dated March 27, 2002, please amend the above-identified application as follows.

✓ IN THE SPECIFICATION:

✓ *Kindly replace the Title of the Invention with the following:*

TEMPERATURE-COMPENSATED FIBER OPTIC CURRENT SENSOR.

Kindly replace the Paragraph Beginning on Page 11, Line 5 with the following:

B'

A fiber optic current sensor with a reflection interferometer is illustrated in figure 4. By contrast with the abovedescribed Sagnac interferometer, this current sensor has no return fiber, but an end of a sensor fiber 1 averted from the feed fiber 3 is designed as reflector 3'. As regards the temperature composition, this configuration forms a special